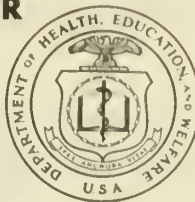


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COMMUNICABLE DISEASE CENTER



Morbidity and Mortality

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November 27, 1965

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE PUBLIC HEALTH SERVICE

AN OUTBREAK OF GASTROENTERITIS ASSOCIATED
WITH LYMPHOCYTOSIS

DEC 1965

BUTLERSVILLE, INDIANA

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An outbreak of gastroenteritis occurred in the Muscatatuck State Hospital and Training Center in Indiana between October 2 and November 23, 1965. The hospital has accommodation for 2,000 patients and undertakes the care, treatment, and training of the mentally retarded. In the hospital the patients are grouped, according to age, mental capacity and physical handicap, into 41 clinical units geographically widely separated within the hospital grounds. It is in the Nursery Unit

that there have been cases of an illness characterized by diarrhea and lymphocytosis.

The Nursery Unit cares for 238 mentally retarded patients from 3 to 19 years of age. These patients are grouped functionally in 17 rooms each accommodating 14 persons, and there is only limited social contact between these groups at specified times.

(Continued on page 402)

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Cumulative totals include revised and delayed reports through previous weeks)

DISEASE	47th WEEK ENDED		MEDIAN 1960 - 1964	CUMULATIVE, FIRST 47 WEEKS		
	NOVEMBER 27, 1965	NOVEMBER 21, 1964		1965	1964	MEDIAN 1960 - 1964
Aseptic meningitis	48	50	39	1,931	1,964	2,351
Brucellosis	5	8	8	226	365	365
Diphtheria	3	3	8	148	247	413
Encephalitis, primary infectious . .	15	32	---	1,733	2,997	---
Encephalitis, post-infectious . . .	10	6	---	610	742	---
Hepatitis, infectious including serum hepatitis	575	690	793	30,422	34,416	39,085
Measles	1,414	2,316	2,371	250,743	473,534	409,863
Meningococcal infections	40	64	42	2,745	2,518	1,982
Poliomyelitis, Total	—	2	23	52	108	826
Paralytic	—	1	21	38	85	653
Nonparalytic	—	1	---	10	12	---
Unspecified	—	—	---	4	11	---
Streptococcal Sore Throat and Scarlet fever	6,790	7,513	5,573	350,224	354,430	284,458
Tetanus	5	2	---	250	251	---
Tularemia	2	7	---	230	300	---
Typhoid fever	14	5	11	406	411	582
Rabies in Animals	51	76	64	3,899	4,065	3,313

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	7	Rabies in Man:	1
Botulism:	13	Smallpox:	—
Leptospirosis: Tenn.-1, Tex.-1	51	Trichinosis: N.Y. City -1, Pa.-1	103
Malaria: Mo.-1	74	Typhus—	
Plague:	6	Murine: Tex.-2	26
Psittacosis: Mich.-1, Ariz.-1, Minn.-1	42	Rky. Mt. Spotted: Oreg.-1, Calif.-1	258
Cholera:	2		

AN OUTBREAK OF GASTROENTERITIS ASSOCIATED
WITH LYMPHOCYTOSIS
BUTLERSVILLE, INDIANA

(Continued from front page)

The illness appeared first in one room, two cases occurring on October 2 and 4 respectively. The next case in this room occurred on October 26, and by October 28, fifty percent of the children had been affected. Eventually there was an attack rate of 64 percent in this room. In a second room the first case occurred on October 6, the second case on October 24, and by October 28 every person living in the room had been affected. The appearance of cases in other rooms was more sporadic, was widely distributed, and attack rates were less than 20 percent.

Of the 40 patients affected, 34 had moderate to severe, watery, foul-smelling diarrhea which tended to be remittent. Associated symptoms were lethargy, mild anorexia and fever, usually not higher than 101°F. White blood counts on 18 of the earlier patients with diarrhea have ranged from 25,000 to 95,000 with between 50 and 90 percent of mature lymphocytes. Later a white blood count survey uncovered another six cases, without diarrhea and only very mild constitutional symptoms, who had white blood counts higher than 30,000 of which more than 50 percent were mature lymphocytes. It was also noted that as clinical improvement occurred, so the white counts fell rapidly to normal.

The illness generally has been benign. The duration has ranged from 3 to 25 days and the patients affected have been between 3 and 13 years of age.

No etiological agent has yet been isolated and bacterial cultures from throats and from specimens of stool have not yielded any pathogens. The complement fixation test on sera from 18 typical cases of the illness, using a group antigen for adenoviruses, has not demonstrated any significant rise in titer between acute and convalescent sera. Heterophil agglutinins and Widal agglutinins have been normal; parasitological examination of stools has also been negative.

Active surveillance measures are being continued in the Nursery Unit in conjunction with ongoing laboratory investigations directed particularly to possible viral agents. To date, all the evidence supports a presumptive diagnosis of infectious lymphocytosis.

(Reported by Dr. A.L. Marshall, Director, Division of Communicable Disease Control, Indiana State Board of Health; Dr. Donald H. Jolly, Superintendent of Muscatatuck State Hospital and Training Center, Butlersville, Indiana; and a team from CDC.)

MYIASIS IN PUERTO RICO

A survey of myiasis in man conducted in Puerto Rico earlier this year revealed a total of 11 cases occurring within a 7-year period. Six of these cases were diagnosed between February and July 1965. Details of the 11 cases are in Table 2.

All but three of the patients were 50 years of age or older. The majority of them lived under poor socio-economic conditions with minimal nursing care available at home for chronic suppurating lesions. Maggots recovered from lesions in 6 of the 11 patients were identified as *Cochliomyia hominivorax* (Coquerel), the larva of the primary screwworm fly.

The six cases occurring during this year were all in the northeast corner of the Island. Primary screwworm fly infestation of Puerto Rico and the adjoining islands has been a problem for many years. It was not until 1958 that the first known case of human myiasis in the Island was reported.*

References:

- *Fox, Irving, and Galindo, Lorenzo: Human cutaneous myiasis due to the primary screwworm, *Callitroga hominivorax* (Coquerel) in Puerto Rico. *Amer J Trop Med*: 96-97, Jan 1962.
- Patton, W. S.: Warble Flies of Genus *Hyoderma*. *Ann Trop Med & Parasitol*: 30 453-465, 1936
- James, M. T.: Flies that cause myiasis in man. U.S. Dept. of Agriculture Publication, No. 631: U.S. Government Printing Office, 1947.

(Reported by Irving Fox, Ph.D., Alfredo Hurtado de Mendoza, M.D., Araceli Ortiz, M.D., Robert P. Belihar, B.S., and Charles J. Lee, Jr., M.D., University of Puerto Rico, School of Medicine, San Juan.)

Editorial Note: The Puerto Rican survey of myiasis in man was supported by grants from the National Institute of Allergy and Infectious Diseases of the United States National Institutes of Health; and the Puerto Rico Department of Health.

(Continued on page 408)

Table 1
SUMMARY OF REPORTED CASES OF INFECTIOUS SYPHILIS
OCTOBER 1965 AND OCTOBER 1964

CASES OF PRIMARY AND SECONDARY SYPHILIS: By Reporting Areas October 1964 and October 1965 - Provisional Data.

Reporting Area	October		Cumulative Jan. - Oct.		Reporting Area	October		Cumulative Jan. - Oct.	
	1965	1964	1965	1964		1965	1964	1965	1964
NEW ENGLAND.....	42	37	396	403	EAST SOUTH CENTRAL.....	163	196	2,294	1,545
Maine.....	1	1	2	6	Kentucky.....	10	23	119	139
New Hampshire.....	2	1	25	9	Tennessee.....	26	42	438	376
Vermont.....	-	-	2	3	Alabama.....	80	83	1,216	753
Massachusetts.....	31	26	240	240	Mississippi.....	47	48	521	277
Rhode Island.....	-	-	18	13	WEST SOUTH CENTRAL.....	201	246	1,997	2,201
Connecticut.....	8	9	109	132	Arkansas.....	14	30	187	177
MIDDLE ATLANTIC.....	396	486	3,985	4,587	Louisiana.....	58	82	584	621
Upstate New York.....	54	58	462	556	Oklahoma.....	8	9	97	122
New York City.....	199	284	2,287	2,640	Texas.....	121	125	1,129	1,281
Pa. (Excl. Phila.).....	16	24	160	154	MOUNTAIN.....	36	46	467	455
Philadelphia.....	38	12	262	258	Montana.....	3	1	14	29
New Jersey.....	89	108	814	979	Idaho.....	-	2	7	6
EAST NORTH CENTRAL.....	289	271	2,547	1,990	Wyoming.....	2	-	9	8
Ohio.....	80	74	552	471	Colorado.....	6	4	44	28
Indiana.....	6	9	47	56	New Mexico.....	9	8	95	157
Downstate Illinois.....	14	14	184	128	Arizona.....	12	21	233	184
Chicago.....	94	101	1,010	769	Utah.....	3	1	15	11
Michigan.....	86	60	684	506	Nevada.....	1	9	50	32
Wisconsin.....	9	13	70	60	PACIFIC.....	151	187	1,678	1,858
WEST NORTH CENTRAL.....	56	62	452	457	Washington.....	5	3	57	64
Minnesota.....	9	11	78	109	Oregon.....	6	12	33	67
Iowa.....	7	4	35	28	California.....	136	171	1,554	1,704
Missouri.....	25	31	199	206	Alaska.....	1	1	7	9
North Dakota.....	-	-	2	-	Hawaii.....	3	-	27	14
South Dakota.....	4	7	38	44	U. S. TOTAL.....	2,017	2,090	19,533	19,302
Nebraska.....	5	6	75	45	TERRITORIES.....	91	100	727	751
Kansas.....	6	3	25	25	Puerto Rico.....	83	95	704	726
SOUTH ATLANTIC.....	683	559	5,717	5,806	Virgin Islands.....	8	5	23	25
Delaware.....	4	6	48	75	Note: Cumulative Totals include revised and delayed reports through previous months.				
Maryland.....	59	48	390	444					
District of Columbia.....	49	53	418	627					
Virginia.....	15	36	274	250					
West Virginia.....	21	7	78	44					
North Carolina.....	93	75	870	932					
South Carolina.....	70	63	702	734					
Georgia.....	97	90	925	969					
Florida.....	275	181	2,012	1,731					

Table 2
MYIASIS IN PUERTO RICO

Case No.	Age	Sex	Date	Locality	Tissue Invaded
1*	65	F	6/19/58	Adjuntas	Capillary hemangioma of the skin of the neck
2	58	M	7/3/59	Lares	Adenocarcinoma of parotid gland
3	76	M	8/3/60	Carolina	Muco epidermoid carcinoma buccal mucosa
4	50	F	11/7/61	Gurabo	Carcinoma of left breast
5*	86	M	12/8/63	Guaynabo	Carcinoma of penis
6	20	M	2/11/65	Rio Piedras	Pemphigus vulgaris
7	85	M	2/16/65	Bayamon	Carcinoma of hypopharynx
8*	7	F	3/17/65	Aguas Buenas	Pediculosis
9*	74	F	5/7/65	Rio Piedras	Cellulitis of leg
10*	70	M	6/3/65	Hato Rey	Ulcer of leg
11*	30	F	7/17/65	Bayamon	Eye injury

*Maggot identified as *Cochliomyia hominivorax* (Coquerel) by Dr. Maurice T. James, Washington State University, Pullman.

NOVEMBER 27, 1965 AND NOVEMBER 21, 1964 (47th WEEK)

[illegible]

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CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

NOVEMBER 27, 1965 AND NOVEMBER 21, 1964 (47th WEEK) - Continued

Area	Brucel- losis	Infectious Hepatitis including Serum Hepatitis					Meningococcal Infections			Tetanus	
		Total incl. unk.	Under 20 years	20 years and over	Cumulative Totals			Cumulative			Cum.
		1965	1965	1965	1965	1964		1965	1964		
UNITED STATES...	5	575	238	300	30,422	34,416	40	2,745	2,518	5	250
NEW ENGLAND.....	1	27	9	16	1,731	3,089	4	142	81	1	6
Maine.....	1	5	2	3	303	963	1	18	6	-	-
New Hampshire.....	-	2	-	2	165	241	-	9	2	1	2
Vermont.....	-	1	1	-	90	366	-	8	4	-	-
Massachusetts.....	-	14	2	11	688	704	2	53	31	-	3
Rhode Island.....	-	1	1	-	188	194	1	16	10	-	-
Connecticut.....	-	4	3	-	297	621	-	38	28	-	1
MIDDLE ATLANTIC.....	-	87	31	56	5,336	7,552	6	364	323	2	17
New York City.....	-	26	7	19	1,116	1,174	-	59	45	1	1
New York, Up-State.....	-	26	7	19	1,967	3,289	4	105	97	-	6
New Jersey.....	-	9	4	5	997	1,245	1	96	104	-	2
Pennsylvania.....	-	26	13	13	1,256	1,844	1	104	77	1	8
EAST NORTH CENTRAL...	1	129	54	67	5,959	5,484	8	415	339	-	35
Ohio.....	-	33	14	18	1,615	1,440	5	114	88	-	3
Indiana.....	1	11	8	3	504	459	-	49	54	-	9
Illinois.....	-	16	5	11	1,125	1,038	1	110	91	-	16
Michigan.....	-	60	27	33	2,342	2,174	2	95	75	-	3
Wisconsin.....	-	9	-	2	373	373	-	47	31	-	4
WEST NORTH CENTRAL...	1	10	4	6	1,696	1,888	-	134	140	-	22
Minnesota.....	1	2	1	1	193	218	-	32	30	-	9
Iowa.....	-	-	-	-	562	335	-	12	8	-	4
Missouri.....	-	2	-	2	377	463	-	53	64	-	4
North Dakota.....	-	1	-	1	30	63	-	12	20	-	1
South Dakota.....	-	-	-	-	22	134	-	3	3	-	-
Nebraska.....	-	1	1	-	89	65	-	10	6	-	2
Kansas.....	-	4	2	2	423	610	-	12	9	-	2
SOUTH ATLANTIC.....	-	45	15	29	3,127	3,209	9	513	493	1	61
Delaware.....	-	-	-	-	78	73	-	10	7	-	-
Maryland.....	-	6	4	2	556	580	-	50	36	-	3
Dist. of Columbia..	-	1	-	1	47	68	-	11	16	-	-
Virginia.....	-	21	5	15	736	512	3	68	59	-	6
West Virginia.....	-	4	3	1	426	455	-	26	35	-	1
North Carolina.....	-	3	1	2	310	521	4	109	84	-	11
South Carolina.....	-	2	-	2	135	142	1	64	57	-	7
Georgia.....	-	1	-	1	111	105	-	60	81	-	10
Florida.....	-	7	2	5	728	753	1	115	118	1	23
EAST SOUTH CENTRAL...	-	39	21	17	2,167	2,333	2	209	192	-	32
Kentucky.....	-	13	8	4	778	826	-	79	66	-	8
Tennessee.....	-	16	10	6	732	826	2	67	57	-	10
Alabama.....	-	5	1	4	382	450	-	38	43	-	12
Mississippi.....	-	5	2	3	275	231	-	25	26	-	2
WEST SOUTH CENTRAL...	1	31	19	10	2,573	2,685	1	350	284	-	51
Arkansas.....	-	7	4	3	324	266	-	18	31	-	12
Louisiana.....	-	6	3	3	439	648	-	196	129	-	8
Oklahoma.....	1	-	-	-	54	126	-	21	13	-	1
Texas.....	-	18	12	4	1,756	1,645	1	115	111	-	30
MOUNTAIN.....	-	33	16	8	1,667	2,077	2	98	86	-	3
Montana.....	-	5	3	1	146	176	-	2	1	-	-
Idaho.....	-	1	-	-	194	292	2	13	4	-	-
Wyoming.....	-	-	-	-	48	83	-	5	5	-	-
Colorado.....	-	11	6	5	358	545	-	27	16	-	2
New Mexico.....	-	6	5	1	348	294	-	11	35	-	-
Arizona.....	-	7	-	-	355	458	-	20	8	-	1
Utah.....	-	3	2	1	203	178	-	17	7	-	-
Nevada.....	-	-	-	-	15	51	-	3	10	-	-
PACIFIC.....	1	174	69	91	6,166	6,099	8	520	580	1	23
Washington.....	-	29	14	12	477	615	2	41	48	-	-
Oregon.....	-	6	1	5	524	631	-	36	25	-	4
California.....	1	127	53	73	4,870	4,465	6	417	487	1	19
Alaska.....	-	10	-	-	217	271	-	18	7	-	-
Hawaii.....	-	2	1	1	78	117	-	8	13	-	-
Puerto Rico	-	20	17	3	1,295	949	-	11	35	-	54

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FOR WEEKS ENDED

NOVEMBER 27, 1965 AND NOVEMBER 21, 1964 (47th WEEK) - Continued

Area	Measles			Strept. Sore Th. & Scarlet Fev.	Tularemia		Typhoid Fever		Rabies in Animals	
	1965	Cumulative			1965	Cum. 1965	1965	Cum. 1965	1965	Cum. 1965
		1965	1964							
UNITED STATES...	1,414	250,743	473,534	6,790	2	230	14	406	51	3,899
NEW ENGLAND.....	31	37,145	19,137	1,040	-	2	-	7	-	48
Maine.....	15	2,899	3,355	228	-	-	-	-	-	4
New Hampshire.....	1	383	575	8	-	-	-	-	-	5
Vermont.....	6	1,375	2,374	62	-	-	-	-	-	32
Massachusetts.....	5	19,357	6,015	148	-	2	-	3	-	2
Rhode Island.....	-	3,951	2,195	39	-	-	-	1	-	1
Connecticut.....	4	9,180	4,623	555	-	-	-	3	-	4
MIDDLE ATLANTIC.....	234	16,222	52,931	201	-	1	2	66	14	215
New York City.....	103	2,870	15,445	3	-	-	1	30	-	-
New York, up-State.....	7	4,285	12,969	111	-	1	-	15	14	200
New Jersey.....	58	3,047	12,289	32	-	-	-	7	-	-
Pennsylvania.....	66	6,020	12,228	55	-	-	1	14	-	15
EAST NORTH CENTRAL...	549	58,798	104,487	481	-	14	2	46	1	594
Ohio.....	22	8,996	19,858	53	-	-	-	9	-	321
Indiana.....	55	2,187	23,034	111	-	5	2	14	-	68
Illinois.....	97	3,215	16,728	75	-	6	-	11	-	84
Michigan.....	76	27,157	29,416	145	-	2	-	7	-	58
Wisconsin.....	299	17,243	15,451	97	-	1	-	5	1	63
WEST NORTH CENTRAL...	80	17,111	30,842	281	-	30	1	15	11	784
Minnesota.....	11	759	342	20	-	1	-	1	5	168
Iowa.....	1	9,187	23,515	63	-	-	-	2	3	220
Missouri.....	3	2,638	1,052	1	-	20	-	9	3	118
North Dakota.....	60	3,950	5,052	112	-	-	-	-	-	46
South Dakota.....	-	115	51	13	-	3	-	-	-	58
Nebraska.....	5	462	830	1	-	2	1	3	-	36
Kansas.....	NN	NN	NN	71	-	4	-	-	-	138
SOUTH ATLANTIC.....	78	26,117	39,313	597	-	34	1	78	9	508
Delaware.....	1	509	415	7	-	-	-	4	-	-
Maryland.....	2	1,205	3,436	104	-	-	1	21	1	26
Dist. of Columbia..	6	94	356	-	-	-	-	-	-	-
Virginia.....	6	4,185	12,849	148	-	8	-	9	6	307
West Virginia.....	52	14,435	9,168	176	-	-	-	3	-	23
North Carolina.....	5	410	1,232	25	-	8	-	15	-	3
South Carolina.....	1	1,120	4,290	27	-	3	-	9	-	3
Georgia.....	-	626	212	-	-	15	-	12	1	69
Florida.....	5	3,533	7,355	110	-	-	-	5	1	77
EAST SOUTH CENTRAL...	74	14,826	68,631	1,111	1	23	1	43	7	796
Kentucky.....	27	3,010	18,699	13	-	3	-	10	3	91
Tennessee.....	44	8,324	24,743	894	1	19	1	15	4	648
Alabama.....	-	2,347	18,445	60	-	1	-	10	-	16
Mississippi.....	3	1,145	6,744	144	-	-	-	8	-	41
WEST SOUTH CENTRAL...	71	31,553	73,050	536	1	96	4	59	4	623
Arkansas.....	-	1,088	1,150	-	1	66	-	15	1	90
Louisiana.....	2	116	121	2	-	7	1	10	1	81
Oklahoma.....	7	226	1,035	15	-	11	1	10	1	131
Texas.....	62	30,123	70,744	519	-	12	2	24	1	321
MOUNTAIN.....	109	20,477	20,123	1,429	-	16	-	32	1	93
Montana.....	14	3,842	3,731	36	-	4	-	1	-	5
Idaho.....	45	2,963	2,047	104	-	-	-	-	-	-
Wyoming.....	1	856	275	41	-	4	-	1	-	-
Colorado.....	33	5,916	3,340	816	-	-	-	1	-	9
New Mexico.....	2	687	751	255	-	-	-	12	-	21
Arizona.....	8	1,398	6,729	83	-	-	-	14	1	55
Utah.....	6	4,601	2,257	93	-	8	-	1	-	2
Nevada.....	-	214	993	1	-	-	-	2	-	1
PACIFIC.....	188	28,494	65,020	1,114	-	14	3	60	4	238
Washington.....	51	7,433	20,604	307	-	-	-	7	-	8
Oregon.....	10	3,405	8,826	16	-	5	-	8	-	9
California.....	75	13,408	33,710	654	-	9	3	44	4	219
Alaska.....	6	203	1,143	56	-	-	-	-	-	2
Hawaii.....	46	4,045	737	81	-	-	-	1	-	-
Puerto Rico	32	2,759	7,053	7	-	-	-	15	1	14

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Table 4. DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED NOVEMBER 27, 1965

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(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes	Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes
	All Ages	65 years and over				All Ages	65 years and over		
NEW ENGLAND:	674	405	38	48	SOUTH ATLANTIC:	1,052	548	50	59
Boston, Mass.-----	202	110	6	14	Atlanta, Ga.-----	142	65	9	4
Bridgeport, Conn.-----	37	26	2	2	Baltimore, Md.-----	195	103	10	11
Cambridge, Mass.-----	34	20	8	2	Charlotte, N. C.-----	38	13	1	2
Fall River, Mass.-----	19	14	1	2	Jacksonville, Fla.-----	68	38	2	2
Hartford, Conn.-----	48	23	2	10	Miami, Fla.-----	58	26	-	6
Lowell, Mass.-----	35	23	3	5	Norfolk, Va.-----	43	17	2	6
Lynn, Mass.-----	18	12	-	-	Richmond, Va.-----	86	51	3	4
New Bedford, Mass.-----	31	24	1	-	Savannah, Ga.-----	37	17	4	2
New Haven, Conn.-----	37	16	2	3	St. Petersburg, Fla.-----	52	46	1	2
Providence, R. I.-----	65	35	1	5	Tampa, Fla.-----	75	42	7	2
Somerville, Mass.-----	18	14	1	-	Washington, D. C.-----	218	103	7	18
Springfield, Mass.-----	38	22	4	3	Wilmington, Del.-----	40	27	4	-
Waterbury, Conn.-----	26	18	1	1					
Worcester, Mass.-----	66	48	6	1	EAST SOUTH CENTRAL:	487	257	26	26
					Birmingham, Ala.-----	69	44	1	1
MIDDLE ATLANTIC:	2,979	1,743	140	135	Chattanooga, Tenn.-----	30	12	2	4
Albany, N. Y.-----	32	19	-	1	Knoxville, Tenn.-----	38	22	1	2
Allentown, Pa.-----	32	22	-	-	Louisville, Ky.-----	103	60	10	2
Buffalo, N. Y.-----	108	65	3	6	Memphis, Tenn.-----	105	52	3	7
Camden, N. J.-----	31	16	2	1	Mobile, Ala.-----	49	21	-	5
Elizabeth, N. J.-----	22	15	1	1	Montgomery, Ala.-----	23	6	3	2
Erie, Pa.-----	28	18	2	1	Nashville, Tenn.-----	70	40	6	3
Jersey City, N. J.-----	57	35	6	2					
Newark, N. J.-----	58	29	2	6	WEST SOUTH CENTRAL:	967	479	22	66
New York City, N. Y.-----	1,591	913	76	65	Austin, Tex.-----	42	25	3	2
Paterson, N. J.-----	30	22	3	1	Baton Rouge, La.-----	17	7	-	1
Philadelphia, Pa.-----	495	279	18	39	Corpus Christi, Tex.-----	26	10	1	3
Pittsburgh, Pa.-----	117	67	1	3	Dallas, Tex.-----	115	56	-	13
Reading, Pa.-----	45	27	4	1	El Paso, Tex.*-----	34	16	1	4
Rochester, N. Y.-----	121	80	14	3	Fort Worth, Tex.-----	72	38	-	3
Schenectady, N. Y.*-----	24	15	1	1	Houston, Tex.-----	192	84	2	10
Scranton, Pa.-----	38	24	-	1	Little Rock, Ark.-----	35	17	-	-
Syracuse, N. Y.-----	54	39	2	2	New Orleans, La.-----	194	91	3	13
Trenton, N. J.-----	32	15	2	-	Oklahoma City, Okla.-----	63	31	1	8
Utica, N. Y.-----	22	14	2	-	San Antonio, Tex.-----	80	48	2	4
Yonkers, N. Y.-----	42	29	1	1	Shreveport, La.-----	36	20	3	2
					Tulsa, Okla.-----	61	36	6	3
EAST NORTH CENTRAL:	2,419	1,380	112	144					
Akron, Ohio-----	62	36	1	1	MOUNTAIN:	336	202	23	16
Canton, Ohio-----	37	20	3	2	Albuquerque, N. Mex.-----	32	15	3	2
Chicago, Ill.-----	700	375	43	48	Colorado Springs, Colo.-----	20	9	3	3
Cincinnati, Ohio-----	145	83	5	7	Denver, Colo.-----	106	67	7	2
Cleveland, Ohio-----	197	107	2	8	Ogden, Utah-----	11	7	-	-
Columbus, Ohio-----	123	78	3	5	Phoenix, Ariz.-----	79	50	6	3
Dayton, Ohio-----	71	42	2	8	Pueblo, Colo.-----	7	4	1	-
Detroit, Mich.*-----	343	192	17	19	Salt Lake City, Utah-----	39	21	2	3
Evansville, Ind.-----	37	28	-	-	Tucson, Ariz.-----	42	29	1	3
Flint, Mich.-----	39	17	2	5					
Fort Wayne, Ind.-----	44	21	4	6	PACIFIC:	1,431	824	35	61
Gary, Ind.-----	25	15	3	2	Berkeley, Calif.-----	23	14	1	-
Grand Rapids, Mich.-----	48	33	6	3	Fresno, Calif.-----	30	17	-	-
Indianapolis, Ind.-----	116	65	4	6	Glendale, Calif.-----	35	29	-	-
Madison, Wis.*-----	34	16	-	3	Honolulu, Hawaii-----	31	12	-	4
Milwaukee, Wis.-----	101	63	4	4	Long Beach, Calif.-----	54	32	-	3
Peoria, Ill.-----	44	22	-	5	Los Angeles, Calif.-----	496	276	15	25
Rockford, Ill.-----	41	27	5	3	Oakland, Calif.-----	55	31	3	4
South Bend, Ind.-----	38	26	2	1	Pasadena, Calif.-----	39	28	-	1
Toledo, Ohio-----	105	70	5	7	Portland, Oreg.-----	73	41	-	4
Youngstown, Ohio-----	69	44	1	1	Sacramento, Calif.-----	63	35	1	1
					San Diego, Calif.-----	100	62	1	6
WEST NORTH CENTRAL:	738	428	24	29	San Francisco, Calif.-----	190	103	6	2
Des Moines, Iowa-----	42	22	1	1	San Jose, Calif.-----	26	12	1	-
Duluth, Minn.-----	24	15	-	1	Seattle, Wash.-----	124	74	6	4
Kansas City, Kans.-----	44	23	5	3	Spokane, Wash.-----	57	41	1	4
Kansas City, Mo.-----	124	64	3	3	Tacoma, Wash.-----	35	17	-	3
Lincoln, Nebr.-----	10	6	-	1					
Minneapolis, Minn.-----	112	75	5	3	Total	11,083	6,266	470	584
Omaha, Nebr.-----	70	44	1	5					
St. Louis, Mo.-----	225	124	7	11	Cumulative Totals				
St. Paul, Minn.-----	61	39	2	1	including reported corrections for previous weeks				
Wichita, Kans.-----	26	16	-	-	All Causes, All Ages -----	576,140			
					All Causes, Age 65 and over-----	325,221			
					Pneumonia and Influenza, All Ages-----	23,221			
					All Causes, Under 1 Year of Age-----	33,975			

*Estimate - based on average percent of divisional total.

MYIASIS IN PUERTO RICO

(Continued from page 402)

Myiasis is the condition arising from the invasion of the tissues or organs of animals or man by the larvae of dipterous flies. Patton classifies the myiasis-producing flies into three groups: (1) those which select living tissues or organs in which to lay their eggs or deposit their larvae; (2) those normally breeding in dead animals or decaying vegetation which occasionally lay their eggs or deposit their larvae in diseased tissues of animals or man; and (3) a group of miscellaneous unrelated diptera the larvae of which occasionally find their way into the human body, usually the gastro-intestinal tract.

INTERNATIONAL NOTES - QUARANTINE MEASURES

INTERNATIONAL CERTIFICATES OF VACCINATION

The Division of Foreign Quarantine of the USPHS has been informed that a large number of persons travelling abroad from the United States fail to have their International Certificates of Vaccination against Smallpox and Cholera properly completed and validated before departure.

In order to be valid, all such certificates for smallpox and cholera vaccination require the "Approved Stamp" of the Health Officer of the area in which the vaccination has been performed as well as the signature of the physician who did the vaccination. Failure to have the "Approved Stamp" applied may subject the traveller to surveillance or detention according to the requirements of quarantine authorities at the point of arrival abroad where such certificates are required.

In areas in the United States where there is no local Health Officer, certificates may be sent or taken to the State Health Officer for validation. This validation is a requirement of the International Sanitary Regulations.

THE MORBIDITY AND MORTALITY WEEKLY REPORT, WITH A CIRCULATION OF 14,000, IS PUBLISHED AT THE COMMUNICABLE DISEASE CENTER, ATLANTA, GEORGIA.

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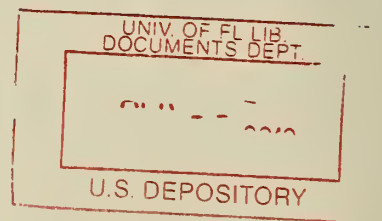
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IN ADDITION TO THE ESTABLISHED PROCEDURES FOR REPORTING MORBIDITY AND MORTALITY, THE COMMUNICABLE DISEASE CENTER WELCOMES ACCOUNTS OF INTERESTING OUTBREAKS OR CASE INVESTIGATIONS WHICH ARE OF CURRENT INTEREST TO HEALTH OFFICIALS AND WHICH ARE DIRECTLY RELATED TO THE CONTROL OF COMMUNICABLE DISEASES. SUCH COMMUNICATIONS SHOULD BE ADDRESSED TO:

THE EDITOR
MORBIDITY AND MORTALITY WEEKLY REPORT
COMMUNICABLE DISEASE CENTER
ATLANTA, GEORGIA 30333

NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND ARE BASED ON WEEKLY TELEGRAMS TO THE CDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES ON SATURDAY; COMPILED DATA ON A NATIONAL BASIS ARE RELEASED ON THE SUCCEEDING FRIDAY.

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